U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftpersons review all originally filed drawings regardless of whether they are designated as formal or informal. Additionally, patent Examiners will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8404

the Drawing Review Branch, 703-303-8404.	,
n 00/0/-	
The drawings filed (insert date) 3/29/90 are	View and enlarged view not labled separatly or properly.
Anot objected to by the Draftsperson under 37 CFR 1.84 or 1.152.	Fig(s)
B objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as	Sectional views. 37 CFR 1.84 (h) 3
indicated below. The Examiner will require submission of new, corrected	Hatching not indicated for sectional portions of an object.
drawings when necessary. Corrected drawings must be submitted	Fig(s)
according to the instructions on the back of this Notice.	Cross section not drawn same as view with parts in cross section
	with regularly spaced parallel oblique strokes. Fig(s)
DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	8. ARRANGEMENT OF VIEWS, 37 CFR 1.84(i)
Black ink. Color.	Words do not appear on a horizontal, left-to-right fashion when
Not black solid lines. Fig(s)	page is either upright or turned so that the top becomes the right
Color drawings are not acceptable until petition is granted.	side, except for graphs. Fig(s)
Fig(s)	9. SCALE. 37 CPR 1.84(k)
2. PHOTOGRAPHS. 37 CFR 1.84(b)	Scale not large enough to show mechanism with crowding
Photographs are not acceptable until polition is granted.	when drawing is reduced in size to two-thirds in reproduction.
Fig(s)Photographs not properly mounted (must use brystol board or	Fig(s)
photographic double-weight paper). Fig(s)	Indication such as "actual size" or scale 1/2" not permitted.
Poor quality (half-tone). Fig(s)	Fig(s)
3. GRAPHIC FORMS. 37 CFR 1.84 (d)	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR
Chemical or mathematical formula not labeled as separate figure.	1.84(1)
Fig(s)	Lines, numbers & letters not uniformly thick and well defined.
Group of waveforms not presented as a single figure, using	clean, durable, and black (except for color drawings).
common vertical axis with time extending along horizontal axis.	Fig(s)
Fig(s)	, 11: SHADING. 37 CFR 1,84(m)
Individuals waveform not identified with a separate letter	Solid black shading areas not permitted.
designation adjacent to the vertical axis. Fig(s)	Fig(s)
4. TYPE OF PAPER. 37 CFR 1.84(c)	Shade lines, pale, rough and blurred. Fig(s)
Paper not flexible, strong, white, smooth, nonshiny, and durable.	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR
Sheet(s)	1.84(p)
Erasures, alterations, overwritings, interlineations, cracks, creases,	Numbers and reference characters not plain and legible. 37 CFR
and folds copy machine marks not accepted. Fig(s)	1.84(p)(l) Fig(s)
Mylar, velum paper is not acceptable (too thin). Fig(s) 5. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	Numbers and reference characters not oriented in same direction
21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)	as the view. 37 CFR 1.84(p)(I) Fig(s)
21.6 cm. by 33.1 cm. (8 1/2 by 13 inches)	English alphabet not used. 37 CFR 1.84(p)(2)
21.6 cm. by 27.9 cm. (8 1/2 by 11 inches)	Fig(s)
21.0 cm. by 29.7 cm. (DIN size A4)	Numbers, letters, and reference characters do not measure at least
All drawing sheets not the same size. Sheet(s)	.32 cm. (1/8 inch) in height. 37 CFR(p)(3)
Drawing sheet not an acceptable size. Sheet(s)	Fig(s)
6. MARGINS. 37 CFR 1.84(g): Acceptable margins:	13. LEAD LINES . 37 CFR 1.84(q)
Paper size	Lead lines cross each other. Fig(s)
21.6 cm. X 35.6 cm. 21.6 cm. X 33.1 cm. 21.6 cm. X 27.9 cm. 21.0 cm. X 29.7 cm.	Lead lines missing. Fig(s)
(8 1/2 X 14 inches) (8 1/2 X 13 inches) (8 1/2 X 11 inches) (DIN Size A4)	 NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
T 5.1 cm. (2") 2.5 cm. (1") 2.5 cm. (1") 2.5 cm.	Sheets not numbered consecutively, and in Arabic numerals,
L .64 cm. (1/4") .64 cm. (1/4") .64 cm. (1/4") 2.5 cm.	beginning with number 1. Sheet(s)
R .64 cm. (1/4") .64 cm. (1/4") .654 cm. (1/4") 1.5 cm. B .64 cm. (1/4") .64 cm. (1/4") 1.0 cm.	15. NUMBER OF VIEWS. 37 CFR 1.84(u)
2 to car (iv) , to car (iv)	Views not numbered consecutively, and in Arabic numerals,
Margins do not conform to chart above.	beginning with number 1. Fig(s)
Sheet(s)	View numbers not preceded by the abbreviation Fig. Fig(s)
Top (T)Left (L)Right (R)Bottom (B)	-
7. VIEWS. 37 CFR 1.84(h)	16. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-948.
REMINDER: Specification may require revision to correspond to	Fig(s)
drawing changes.	
All views not grouped together. Fig(s)	17. DESIGN DRAWING. 37 CFR 1.152
Views connected by projection lines or lead lines.	Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast.
Fig(s) Partial views. 37 CFR 1.84(h) 2	Fig(s)
a willing tiews. 37 Crist 1.04(ii) 2	0\-/
COMMENTS:	
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ATTACHMENT TO PAPER NO. PTO Conv

REVIEWER_